

**CALIFORNIA ENERGY COMMISSION**

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Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)

**2013 Building Energy Efficiency Standards,  
California Code of Regulations, Title 24,  
Part 6 and Part 1, Chapter 10**

**Docket No. 12-BSTD-01  
Resolution No. 15-0526**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF  
RIGHT-ENERGY TITLE 24 VERSION 1.4 RESIDENTIAL COMPLIANCE SOFTWARE**

The Executive Director hereby approves Right-Energy Version 1.4 as an alternative calculation method for demonstrating performance compliance with the residential provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Part 6, and associated administrative regulations in Part 1, Chapter 10 (Standards), for newly constructed single-family buildings.

Public Resources Code sections 25000 et seq., 25402.1, subd. (b), require the Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its Building Energy Efficiency Standards.

Right-Energy Version 1.4 integrates the revised compliance manager approved by the Energy Commission on May 13, 2015, as part of the Application Programming Interface in the 2013 Public Domain California Building Energy Code Compliance - Residential (CBECC-Res) software, Version 4. The update:

- Incorporates an increase in processing speed;
- Accommodates notes on the CF1R;
- Adds boilers as a space heating system type;
- Includes the ability to model refrigerant charge for a ductless heat pump;
- Corrects water heating assumptions for ground source heat pumps;
- Adds green hybrid roofing tile to roofing materials;
- Corrects miscellaneous CF1R reporting issues.

Information for obtaining Right-Energy Version 1.4 is posted on the Energy Commission's 2013 Standards website for approved computer compliance programs:

[www.energy.ca.gov/title24/2013standards/2013\\_computer\\_prog\\_list.html](http://www.energy.ca.gov/title24/2013standards/2013_computer_prog_list.html).

A handwritten signature in black ink, appearing to read "R. Oglesby", is written over a horizontal line.

**ROBERT P. OGLESBY**  
Executive Director